<u>IN THE CLAIMS</u>

Please amend claims 1-15 and 19-20 as indicated below.

Please add new claims 21-27 as indicated below.

1.   (Currently Amended) A method, comprising:

identifying ~~significant ones of~~ <u>one or more</u> behavioral properties based on measured

behavioral data in a computer system<u>, each behavioral property including a</u>

<u>behavioral description describing the respective behavioral property and a</u>

<u>value representing a degree of relevancy of the respective behavioral property</u>

<u>with respect to the measured behavioral data</u>;

~~determining an insight associated with said significant ones of~~ <u>generating an analysis</u>

<u>based on the one or more</u> behavioral properties<u>, the analysis including an</u>

<u>analysis description indicating a result expected to happen based on a</u>

<u>combination of the identified behavioral properties</u>; and

determining an advice associated with the ~~insight~~ <u>analysis, the advice suggesting what</u>

<u>should be done in response to the expected result described by the analysis.</u>

2.   (Currently Amended) The method of claim 1, further comprising encoding knowledge

of computer subsystem behavioral properties based on behavioral data to provide a basis for

identifying ~~said significant ones of the~~ <u>the one or more</u> behavioral properties.

3.   (Currently Amended) The method of claim 1, further comprising encoding knowledge of ~~insights~~ analysis based on the behavioral properties to provide a basis for determining the analysis ~~insight~~.

4.   (Currently Amended) The method of claim 1, further comprising generating an explanation of the analysis using in part the behavioral descriptions of the one or more behavioral properties when the corresponding behavioral properties are relevant based on the values associated with the respective behavioral properties ~~insight in terms of the behavioral properties~~.

5.   (Currently Amended) The method of claim 1, further comprising generating an explanation of the advice using in part the behavioral descriptions and the analysis description.

6.   (Currently Amended) The method of claim 1, wherein said identifying one or more ~~significant ones of~~ behavioral properties includes identifying behavior whose value is outside a predefined range.

7.   (Currently Amended) The method of claim 1, further comprising providing the analysis ~~insight~~ and the advice to a user, including displaying the analysis description and the advice.

8.   (Currently Amended) A machine-readable medium having stored thereon instructions, which when executed by a processor can cause said processor to perform:

identifying ~~significant ones of~~ <u>one or more</u> behavioral properties based on measured

behavioral data in a computer system<u>, each behavioral property including a</u>

<u>behavioral description describing the respective behavioral property and a</u>

<u>value representing a degree of relevancy of the respective behavioral property</u>

<u>with respect to the measured behavioral data</u>;

~~determining an insight associated with said significant ones of~~ <u>generating an analysis</u>

<u>based on the one or more</u> behavioral properties<u>, the analysis including an</u>

<u>analysis description indicating a result expected to happen based on a</u>

<u>combination of the identified behavioral properties</u>; and

determining an advice associated with the ~~insight~~ <u>analysis, the advice suggesting what</u>

<u>should be done in response to the expected result described by the analysis</u>.

9.   (Currently Amended) The medium of claim 8, further comprising encoding knowledge

of computer subsystem behavioral properties based on behavioral data to provide a basis for

identifying ~~said significant ones of the~~ <u>the one or more</u> behavioral properties.

10.   (Currently Amended) The medium of claim 8, further comprising encoding knowledge

of ~~insights~~ <u>analysis</u> based on the behavioral properties to provide a basis for determining the

<u>analysis</u> ~~insight~~.

11.   (Currently Amended) The medium of claim 8, further comprising generating an

explanation of the <u>analysis</u> <u>using in part the behavioral descriptions of the one or more</u>

<u>behavioral properties when the corresponding behavioral properties are relevant based on the</u>

values associated with the respective behavioral properties ~~insight in terms of the behavioral~~

~~properties~~.

12.   (Currently Amended) The medium of claim 8, further comprising generating an explanation of the advice <u>using in part the behavioral descriptions and the analysis</u> <u>description</u>.

13.   (Currently Amended) The medium of claim 8, wherein said identifying <u>one or more</u> ~~significant ones of~~ behavioral properties includes identifying behavior whose value is outside a predefined range.

14.   (Currently Amended) The medium of claim 8, further comprising providing the <u>analysis</u> ~~insight~~ and the advice to a user <u>including displaying the analysis description</u> <u>describing a problem about to happen and the advice indicating what should be done with</u> <u>respect to the problem</u>.

15.   (Currently Amended) A system, comprising:

a measurement interface to receive measured values of computer system performance

parameters;

a measurement interpreter coupled to the measurement interface to receive <u>the</u>

measured <u>values</u> ~~data~~ from the measurement interface and to provide

behavioral property data<u>, the behavioral property data including a description</u>

<u>for describing the respective behavioral property</u>;

a behavior interpreter coupled to the measurement interpreter to receive the behavioral property data and to provide ~~insights~~ analysis and explanations, each of the analysis and explanations including a description describing the respective analysis and the explanation; and

a user interface coupled to the behavior interpreter to present the ~~insights~~ analysis and explanations to a user using in part the descriptions of the behavioral property data, analysis, and explanations.

16.   (Original) The system of claim 15, wherein the measurement interface includes a measurement adapter.

17.   (Original) The system of claim 15, wherein the measurement interpreter includes a behavior knowledge interpreter.

18.   (Original) The system of claim 15, wherein the measurement interpreter includes a compiler.

19.   (Currently Amended) The system of claim 15, wherein the behavior interpreter includes an ~~insight~~ analysis generator.

20.   (Currently Amended) The system of claim 19, wherein the ~~insight~~ analysis generator includes an advice generator.

21.   (New) The method of claim 2, wherein the encoding knowledge of computer system behavioral properties comprises:

associating one or more of the behavioral properties to each behavior, each of the behavioral properties including a description regarding the respective behavioral property;

associating one or more property values to each of the behavioral properties; and

calculating a behavior value based on the measured behavioral data using a mathematical formula to determine a relevancy of the behavioral properties.

22.   (New) The method of claim 21, further comprising comparing the behavior value with the one or more property values to determine which of one or more behavioral properties corresponding to the property values are relevant, wherein a proximity of the behavior value with respect to a behavioral property indicates a degree whether the respective behavioral property should be relevant.

23.   (New) The method of claim 3, wherein the encoding knowledge of analysis comprises:

associating one or more of the analysis properties to each analysis, each of the analysis properties including an analysis description regarding the respective analysis; and

generating a weight list of advices describing actions that should be taken, wherein the advice is generated based on the determined analysis.

24.   (New) The method of claim 23, further comprising:

generating a list of constraints describing one or more conditions under which the

respective analysis should be excluded from consideration; and

generating a list of weighted behavioral properties identifying the one or more

conditions under which the respective analysis is relevant, wherein the advice

is determined when the respective analysis is relevant.

25.   (New) The method of claim 24, wherein a weight of each behavioral properties

indicates a relationship with other behavioral properties.

26.   (New) The method of claim 24, wherein the advice includes an advice description

describing actions that should be taken and a list of constraints describing one or more

conditions under which the respective advice should not be given.

27.   (New) The method of claim 24, further comprising determining a relevancy of the

analysis based on contribution of each behavior associated with the analysis based on a

proximity of the measured behavioral data with respect to one or more behavioral properties

associated with the measured behavioral data.